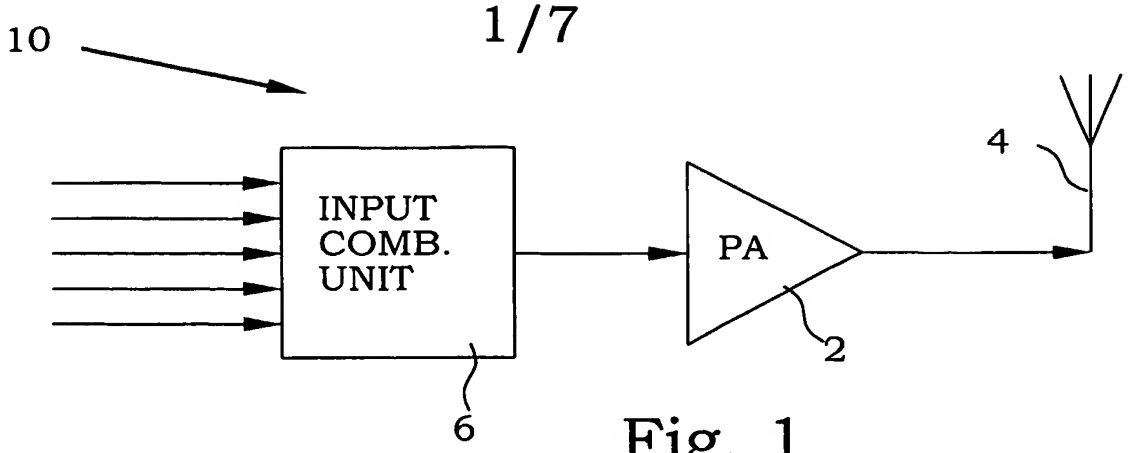



Fig. 1

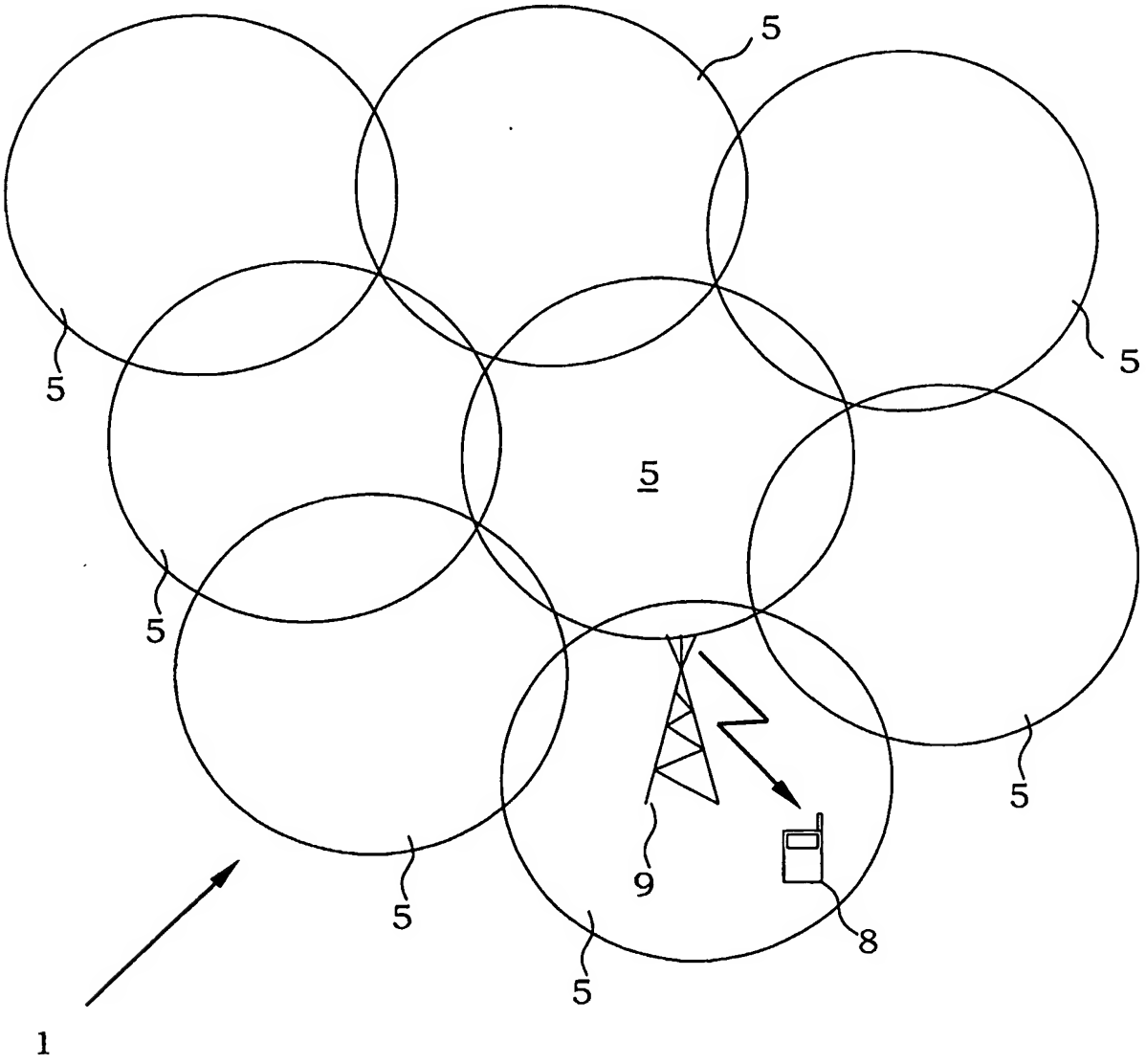



Fig. 2

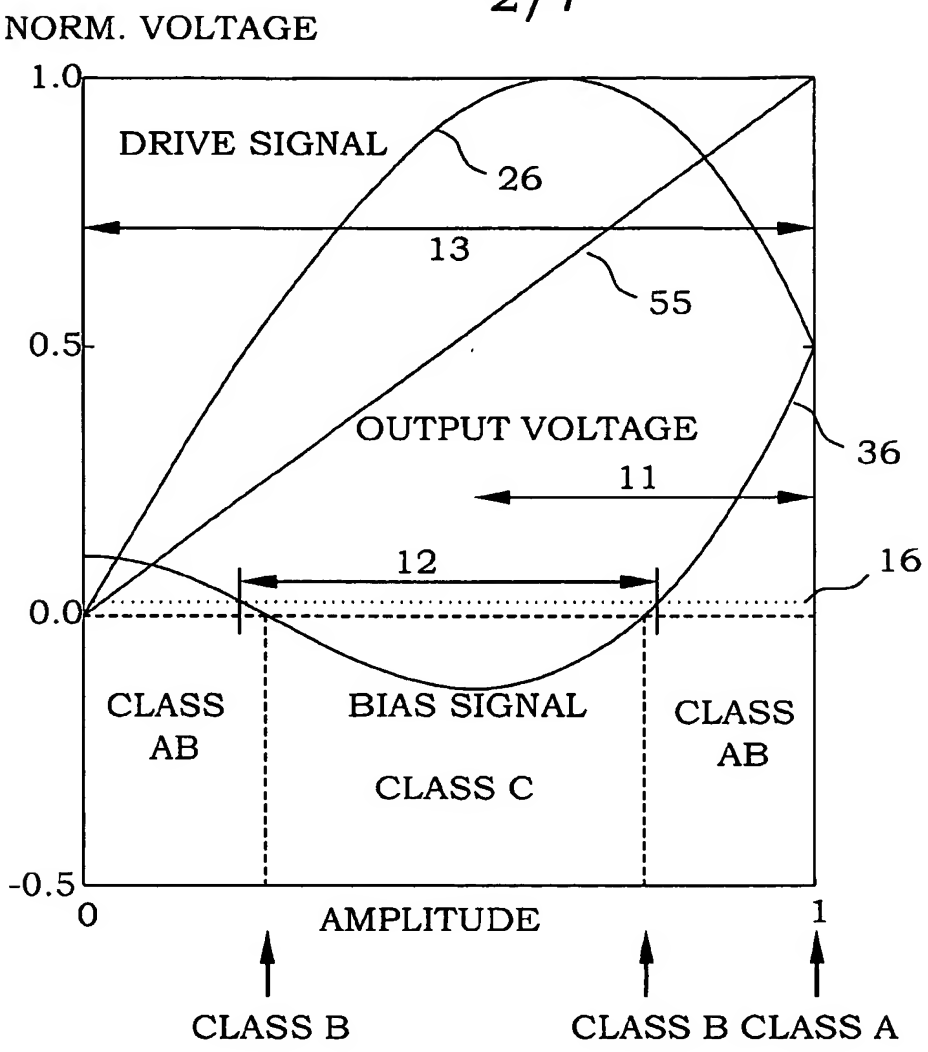
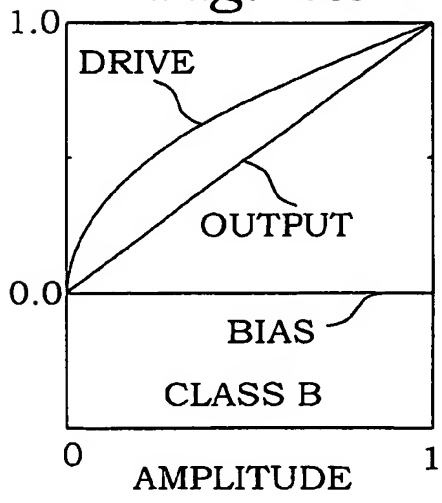


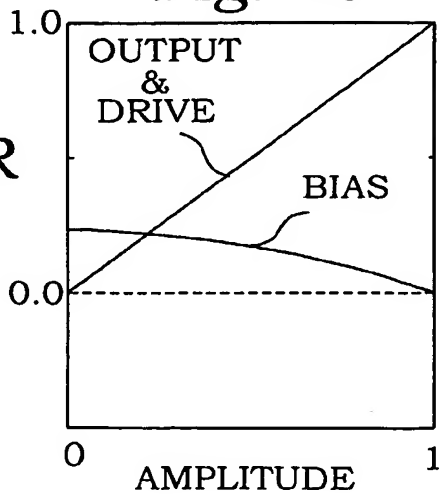

Fig. 3

Fig. 4a




PRIOR ART

Fig. 4b



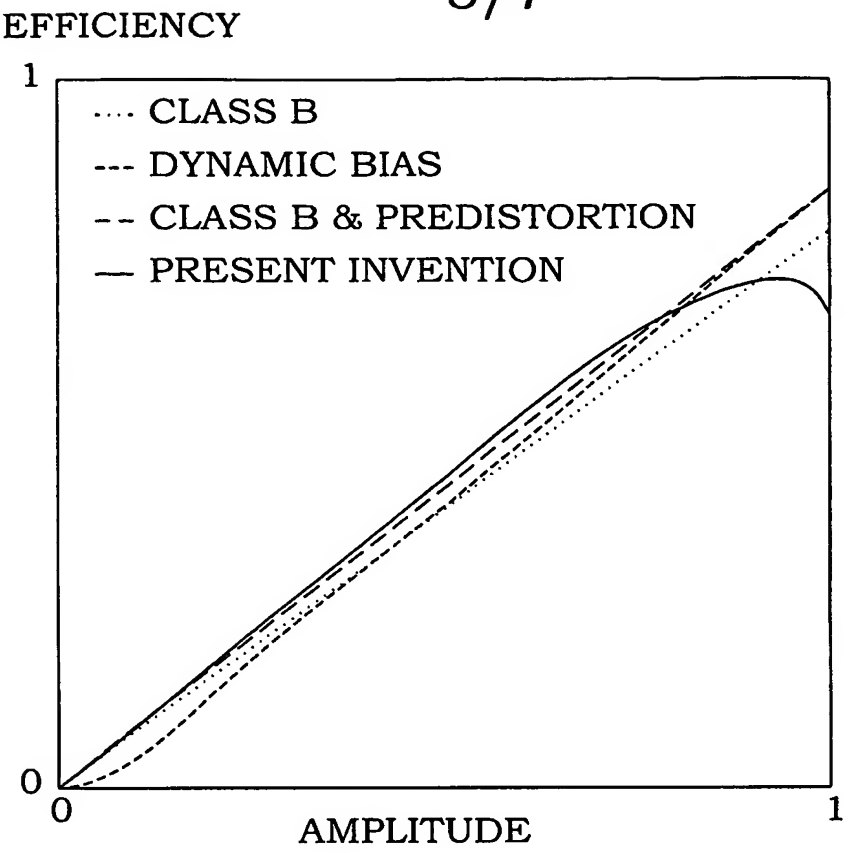

EFFICIENCY
1
CLASS B
DYNAMIC BIAS
CLASS B & PREDISTORTION
PRESENT INVENTION
0
0
1
AMPLITUDE

Fig. 5

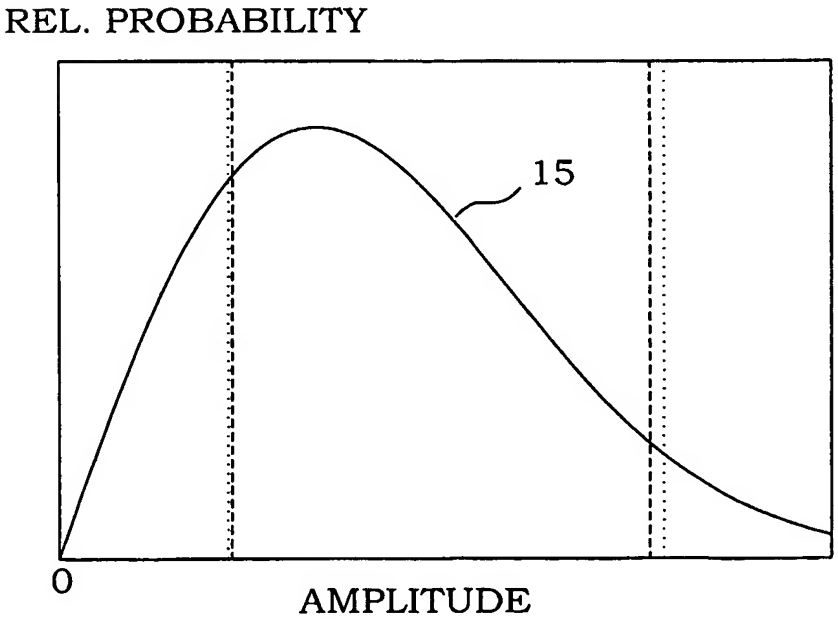

REL. PROBABILITY
15
0
AMPLITUDE

Fig. 6

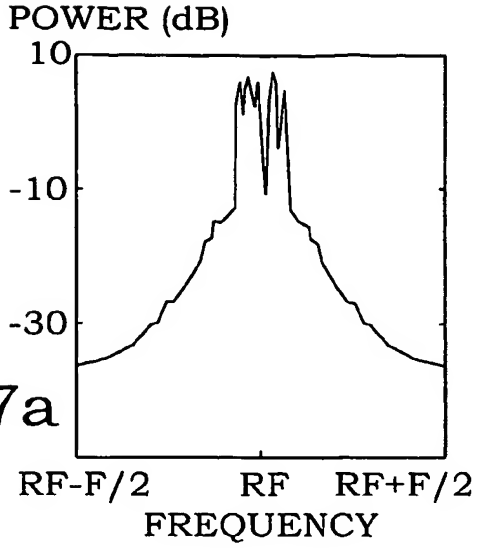



Fig. 7a

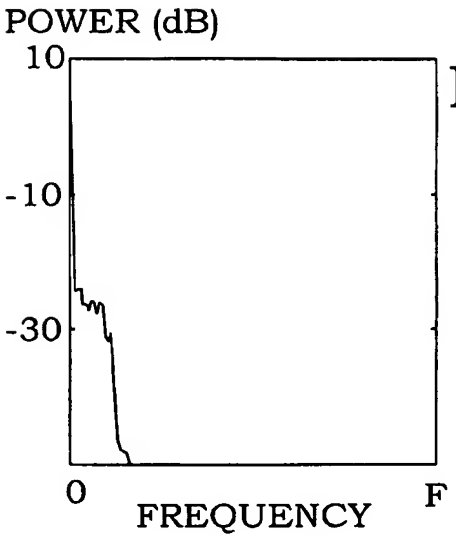



Fig. 7b

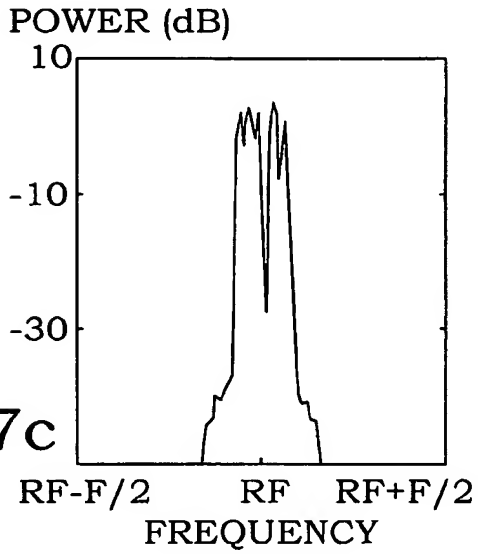



Fig. 7c

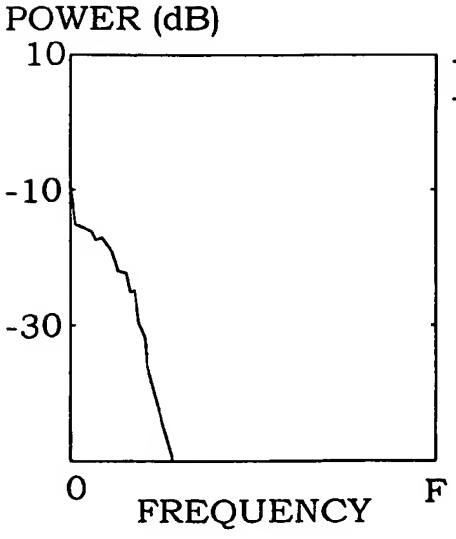



Fig. 7d

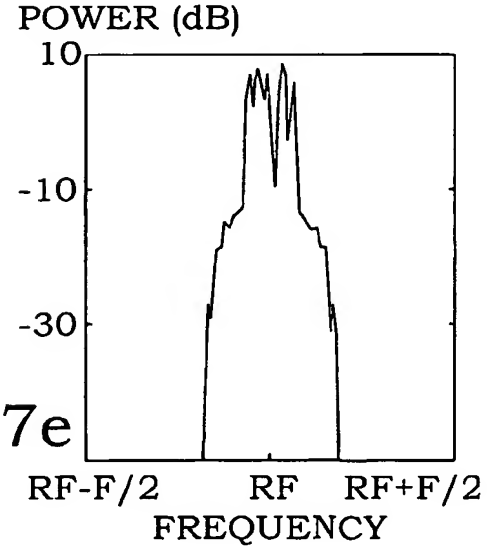



Fig. 7e

10/518238



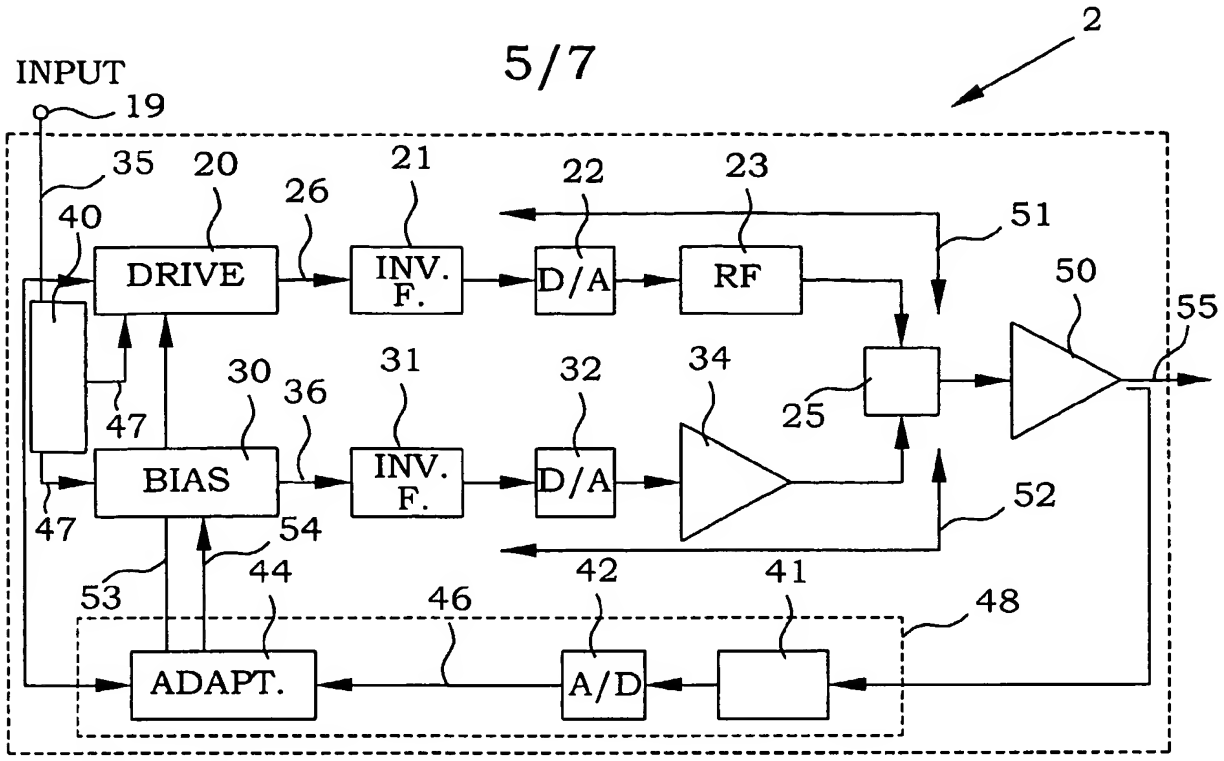



Fig. 8

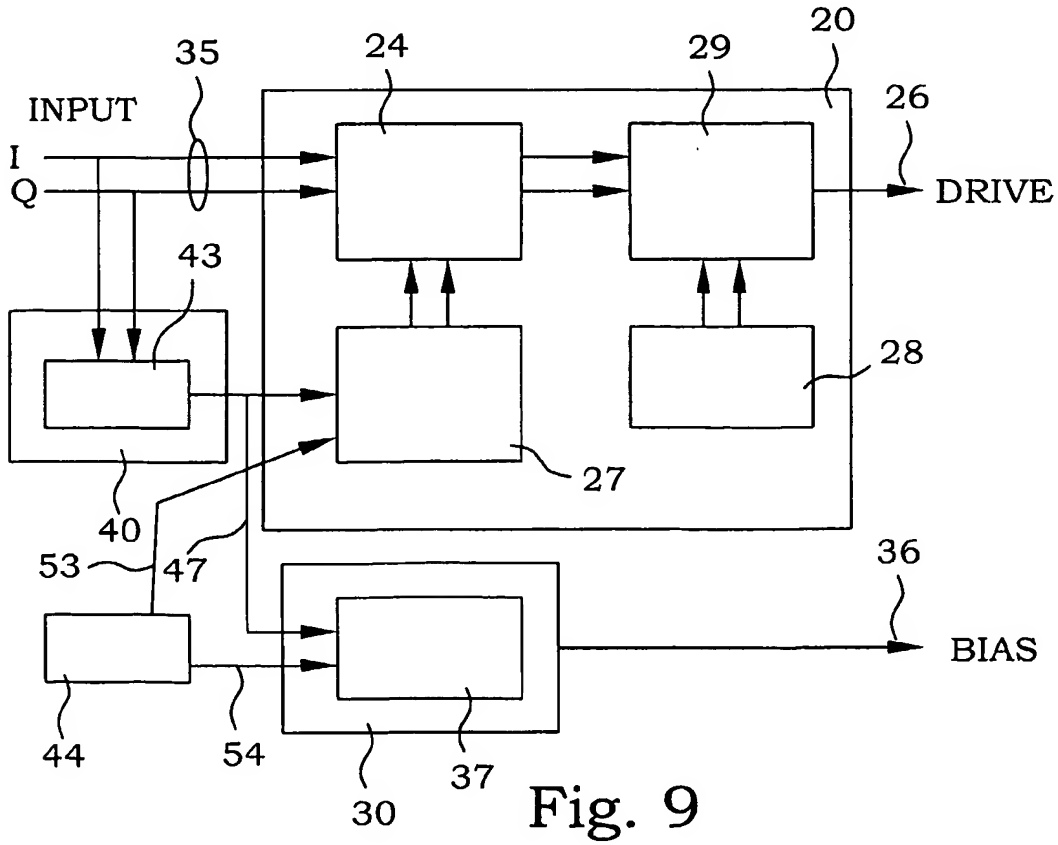



Fig. 9

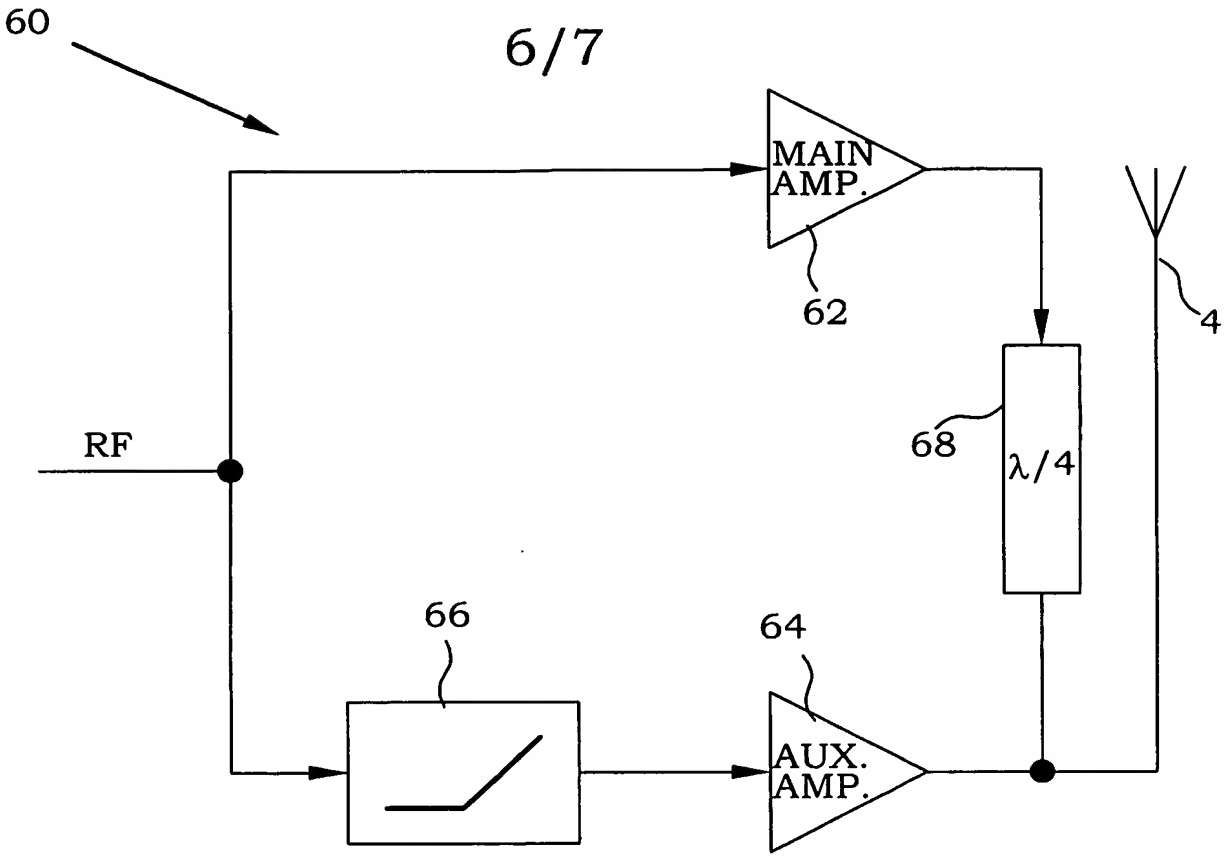

60
MAIN AMP.
62
4
RF
68
λ/4
66
64
AUX. AMP.

Fig. 10

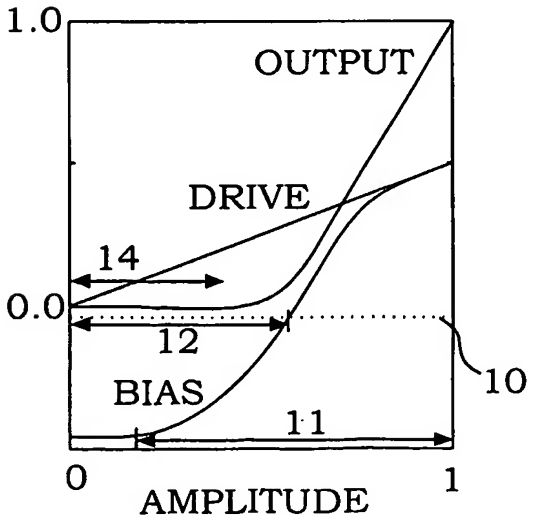

1.0
OUTPUT
DRIVE
14
0.0
12
10
BIAS
11
0
1
AMPLITUDE

Fig. 11

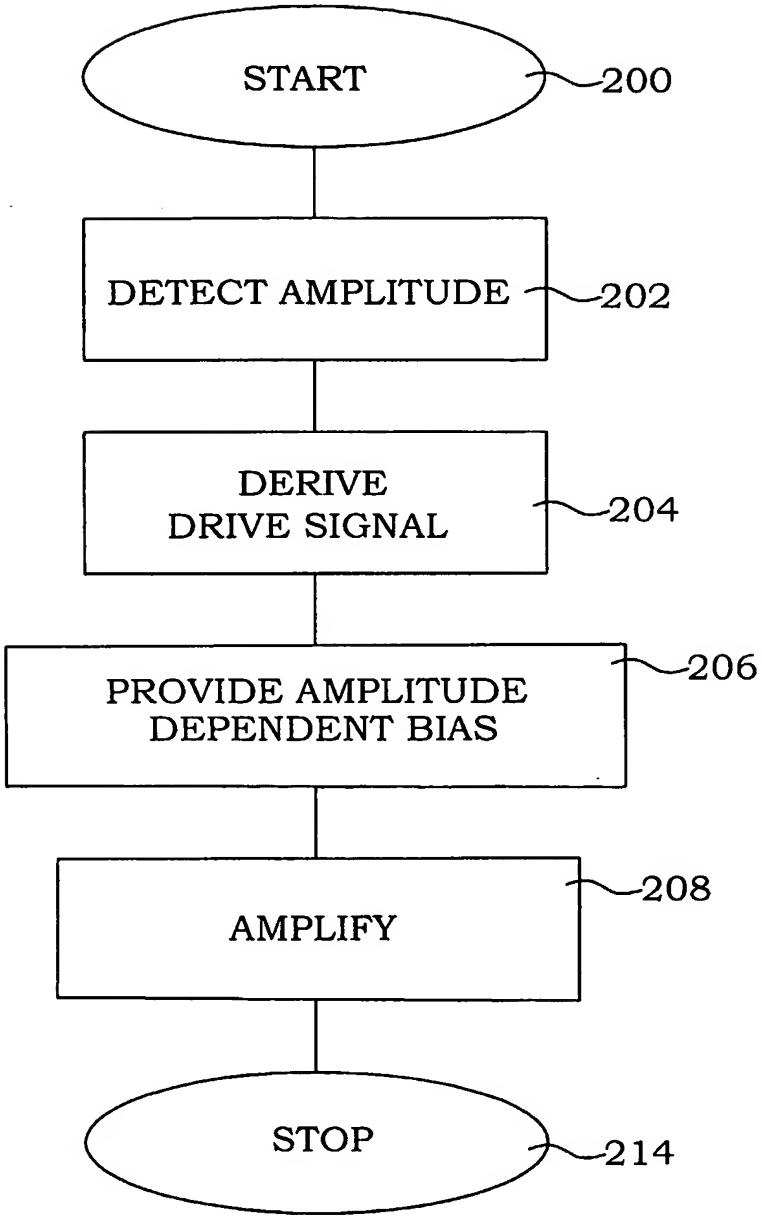

START
200
DETECT AMPLITUDE
202
DERIVE
DRIVE SIGNAL
204
PROVIDE AMPLITUDE
DEPENDENT BIAS
206
AMPLIFY
208
STOP
214

Fig. 12